Original/Duplicate/Triplicate

Bill Period 1-12-2016 To 31-5-2017

CONTRACT CERTIFICATE

(6 Months)

No. 1st Ra Bill (For Other Works) Date 2010

SBR No. 10
Date 3.6.2017

Division: **Electricals** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-014-16-000030**

Schedule Docket No. Head of Account : P 0294

BR No 10
Date 4.6.2017

Name of Work : providing maintenance to Electrical instalation to BBMP buildings coming umder dasarahalli Zone.

Name of Contractor and Full Address:**M/S. Chethan Electrical,**

Reference to Agreement No:EE/Ele/DZ/WO/14/2016-17 Date:30/11/2016

Certified that the measurements were taken by me on and recorded of Pages 5123 to 5124 of measurement Book No. 5124 and that the work is satisfactorily executed.

For CHETHAN ELECTRICALS

Proprietor

Contractor

T.N. Boddapati
JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Officer-in-charge of work

Certified that the measurement were taken by me on .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	1st & Part	191672
2) Deduct amount to be held in reserve being .....percent Rs.....	IT	3835 =
3) " Balance	EST	7667 =
4) Deduct Payment:	LWC	1917 =
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....Amount adjusted towards cash advance recovery of	CBF	192 =
b) Payments Now made: cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	FSD	9584 =
5) Balance being unpaid value of work done held in reserve.	TD	23195 =
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.	Net	168477 =
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted		

For CHETHAN ELECTRICALS

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Proprietor

(For use in the Office)

Witness
1.
2.

For CHETHAN ELECTRICALS

Proprietor

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Audited and admitted for Rs. 191672/-

Passed by Cheque for Rs. 168477/-

(One lakh sixty eight thousand four hundred & seventy seven)

by adjustment Rs. 23195/-

Accounts Superintendent

Exe. Engineer (Ele)

B.B.M.P. Dasarahalli Division

Executive Engineer

lo.	Description of item	Unit	Pre
	Name of Work :-providing maintenance to Electrical instalation to BBMP buildings coming umder dasarahalli Zone		
	Electrician and other skilled workers. , Rs.8594.40/Month/person, Rs.8594.40*12 Month=Rs.103132.80/Person/12 month. EPF at 13.61 % of Rs.8594.40/- , ESI at 04.75 % of Rs.8594.40/-	Persons	
	Helper (Electrical) .224.93 per day per person Rs.224.93 X 182 days = Rs.40937.26 per annum per person (PWD SR 2014-15) Page-LVIII, Sl No.124	Persons	
	A) Supplying and Fixing/replacing of fluorescent Tube a) 18 to 40Watts	Nos	
	Supplying and Fixing of heavy duty open construction ferromagnetic copper ballast for fluorescent tubes: I.20/40Watts	Nos	
	Supply and fixing of 230 volts 20/40/watts starter for Fluorescent lamp	Nos	
	Rewinding a.mm ceiling fan / after using necessary gauge annealed and insulated copper wire with necessary insulating, separeaors, vibration, arresting shellac etc., including replacement of bearings, if any transportation to and form the spot to workshop inclusive of relasing the spot to workshop inclusive of relasing the refixing 1200 mm ceiling fan	Nos	
	Supplying and fixing/replacing of 6/16/32 Amps electrical accessories on existing switch board- 1) 6 amps S.P. switch	Nos	
	3) 6 amps 3 way 5 pin socket	Nos	
	9) 16 amps S.P. switch –2)	Nos	
	10) 16 amps 3 way 5 pin socket–	Nos	
	11) 16 amps 3 pin top –	Nos	
	I2) 32 amps Bakelite DP	Nos	
	13) 16/6 Amps Comined plug & socket with control switch 1) Group 'A'	Nos	
3	Supplying and fixing/replacing condenser for ceiling fan/MV/SV/MH and other luminaries a) upto 4 mfd.	Nos	
9	Supplying and replacing of ceiling fan regulator 900 mm to 1500 mm	Nos	
0	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required- 1) 5-32 amps S.P.	Nos	
	3) 5-32 amps D.P.	Nos	
	6) 40-63 amps TPN:	Nos	
1	Wiring for lightingl/power circuit using one of PVC insulated 1100 volts grade, multis and copper conductor single core cable in open or concealed systems of wiring: Group-B 2) 1.5 sq.mm	Mtrs	
	3) 2.5 sq.mm	Mtrs	
2	Supplying patti type fluorescent tube light fitting of 4' -suitable for 28 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp.	Nos	
13	Supplying capacitor type celling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single-phase AC sup ply conforming to ISS-374-1979 and with double ball bearing	Nos	

vious Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		1 x 6 months	10172.33	61033.98	1 x 6 months	61033.98	
		1 x 6 months	10172.25	61033.50	1 x 6 months	61033.50	
		100	50.00	5000.00	100	5000.00	
		70	150.00	10500.00	70	10500.00	
		65	25.00	1625.00	65	1625.00	
		6	500.00	3000.00	6	3000.00	
		20	25.00	500.00	20	500.00	
		15	40.00	600.00	15	600.00	
		12	75.00	900.00	12	900.00	
		16	70.00	1120.00	16	1120.00	
		4	70.00	280.00	4	280.00	
		5	140.00	700.00	5	700.00	
		7	250.00	1750.00	7	1750.00	
		10	90.00	900.00	10	900.00	
		6	140.00	840.00	6	840.00	
		4	350.00	1400.00	4	1400.00	
		1	800.00	800.00	1	800.00	
		0	1800.00	0.00	0	0.00	
		120	10.00	1200.00	120	1200.00	
		50	20.00	1000.00	50	1000.00	
		0	600.00	0.00	0	0.00	
		0	200.00	0.00	0	0.00	

14	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 1)On wall / ceiling / Rafter / Girders	Nos
15	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch	Nos
16	Monthly maintenance of NEC 308 EPABX system with extension Rs. 1200/Month, Rs1200*12 Month=Rs.14,400/12 month.	set
17	Supplying and installation of insulated refrigerant copper tubing of 5/8`` and 3/8`` with polythene foam insulation 3 core 80 stand copper wiring between indoor and outdoor unit. Leak testing oil and gas charging for additional piping length of tube.Split	Mtrs
18	Supply and fixing of condensing coil for Split Air Conditioners.2 ton capacity	Nos
19	Supplying and fixing the fan motor for blowers and condenser of 1/5 HP, single shaft/double shaft suitable for split /window air conditioners.	Nos
20	supply nad fixing cpacitor's (of approved make) for window/split air conditoner	Nos
21	Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply.400mm Sweep	Nos
22	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and short circuit with thermal Magnetic/Micro Processor release and Earth Fault as per IS-13947. (Icu=Ics) FOUR POLE 100 Amps 25 kA,	Each
23	Supply and fixing of 4pole contractor with No/NC contacts on existing wood/panel board using necessary bolts ,nuts,washers and wires etc., complete with AC-3 rating and as per Is-13947 100/125 Amps	Each
24	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable.5Pair	Mtrs
25	Filtering of oil in the transformer at the transformer center by hot process using "Stream line filter" such time the dielectric strength of the oil in the transformer conforms to ISI specification [Test certificate to be produced]	Litre
26	Supplying and Topping -up of new Transil OIL	Per Litre
	GRAND TOTAL	

Certificate

The above said monthly maintenance work has been carrying satisfactorily

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

		0	90.00	0.00	0	0.00	
		0	100.00	0.00	0	0.00	
		1	14000.00	14000.00	1	14000.00	
		10	1000.00	10000.00	10	10000.00	
		0	21000.00	0.00	0	0.00	
		1	3280.00	3280.00	1	3280.00	
		3	500.00	1500.00	3	1500.00	
		0	2530.00	0.00	0	0.00	
		1	5800.00	5800.00	1	5800.00	
		1	9910.00	9910.00	1	9910.00	
		175	40.00	7000.00	175	7000.00	
		0.00	20.00	0.00	0.00	0.00	
		0.00	160.00	0.00	0.00	0.00	
	0.00			**205672.48**		**205672.48**	

191672=48 191672=48